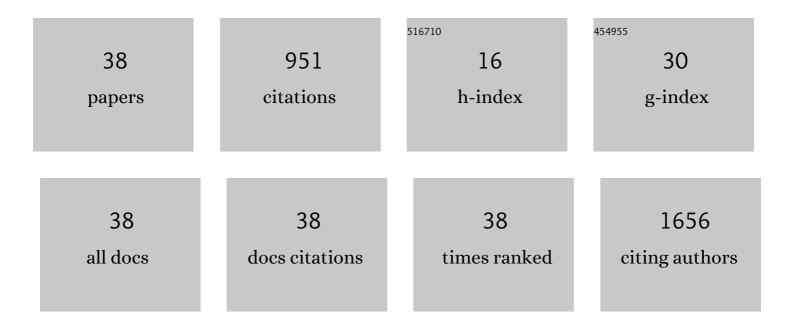
Shanmugavel Chinnathambi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A pilot study on parallel factor analysis as a diagnostic tool for oral cancer diagnosis: A statistical modeling approach. Journal of Chemometrics, 2021, 35, e3315.	1.3	5
2	Construction of Boronophenylalanine-Loaded Biodegradable Periodic Mesoporous Organosilica Nanoparticles for BNCT Cancer Therapy. International Journal of Molecular Sciences, 2021, 22, 2251.	4.1	15
3	lodine containing porous organosilica nanoparticles trigger tumor spheroids destruction upon monochromatic X-ray irradiation: DNA breaks and K-edge energy X-ray. Scientific Reports, 2021, 11, 14192.	3.3	10
4	A Compact Sensory Platform Based pH Sensor Using Graphene Field Effect Transistor. Journal of Nanoscience and Nanotechnology, 2021, 21, 3299-3305.	0.9	5
5	Recent Development to Explore the Use of Biodegradable Periodic Mesoporous Organosilica (BPMO) Nanomaterials for Cancer Therapy. Pharmaceutics, 2020, 12, 890.	4.5	19
6	Nano-Bio Interaction between Blood Plasma Proteins and Water-Soluble Silicon Quantum Dots with Enabled Cellular Uptake and Minimal Cytotoxicity. Nanomaterials, 2020, 10, 2250.	4.1	15
7	Facile Formation of Stable Waterâ€Dispersed Luminescent Silicon Nanocrystals by Laser Processing in Liquid: Toward Fluorescent Labeling for Bioâ€Imaging. ChemNanoMat, 2019, 5, 1137-1143.	2.8	3
8	Molecular interaction of silicon quantum dot micelles with plasma proteins: hemoglobin and thrombin. RSC Advances, 2019, 9, 14928-14936.	3.6	11
9	Quercetin loaded PLGA microspheres induce apoptosis in breast cancer cells. Applied Surface Science, 2019, 487, 211-217.	6.1	35
10	Recent advances on fluorescent biomarkers of near-infrared quantum dots for <i>in vitro</i> and <i>in vivo</i> imaging. Science and Technology of Advanced Materials, 2019, 20, 337-355.	6.1	131
11	Photostability of quantum dot micelles under ultraviolet irradiation. Luminescence, 2019, 34, 472-479.	2.9	3
12	Exploring the Binding Interaction Mechanism of Taxol in β-Tubulin and Bovine Serum Albumin: A Biophysical Approach. Molecular Pharmaceutics, 2019, 16, 669-681.	4.6	33
13	Comparative Binding Analysis of <i>N</i> -Acetylneuraminic Acid in Bovine Serum Albumin and Human α-1 Acid Glycoprotein. Journal of Chemical Information and Modeling, 2019, 59, 326-338.	5.4	26
14	A cytotoxicity, optical spectroscopy and computational binding analysis of 4â€{3â€acetylâ€5â€(acetylamino)â€2â€methylâ€2,3â€dihydroâ€1,3,4â€thiadiazoleâ€2â€yl]phenyl benzoate i Luminescence, 2018, 33, 731-741.	n calf9thyn	nus 200NA.
15	4-Hydroxycoumarin Derivative: <i>N</i> -(diphenylmethyl)-2-[(2-oxo-2H-chromen-4-yl)oxy]acetamide Interaction with Human Serum Albumin. Journal of Spectroscopy, 2018, 2018, 1-14.	1.3	2
16	Inverted Device Architecture for Enhanced Performance of Flexible Silicon Quantum Dot Light-Emitting Diode. Journal of Physical Chemistry Letters, 2018, 9, 5400-5407.	4.6	32
17	Biocompatible CdSe/ZnS quantum dot micelles for long-term cell imaging without alteration to the native structure of the blood plasma protein human serum albumin. RSC Advances, 2017, 7, 2392-2402.	3.6	24
18	Simplified detection of the hybridized DNA using a graphene field effect transistor. Science and Technology of Advanced Materials, 2017, 18, 43-50.	6.1	23

#	Article	IF	CITATIONS
19	Synthesis and fast transfer of monolayer MoS ₂ on reusable fused silica. Nanoscale, 2017, 9, 6984-6990.	5.6	18
20			

#	Article	IF	CITATIONS
37	Fabrication of novel collagen-silica hybrid membranes with tailored biodegradation and strong cell contact guidance ability. Journal of Materials Chemistry, 2012, 22, 21885.	6.7	27
38	Effect of molecular weight of polyethyleneimine on loading of CpG oligodeoxynucleotides onto flake-shell silica nanoparticles for enhanced TLR9-mediated induction of interferon-α. International Journal of Nanomedicine, 2012, 7, 3625.	6.7	20